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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : David H. Gelfand et al.
SERIAL NO. : 07/873,897 GROUP ART UNIT: 1808
FILED : April 24, 1992 EXAMINER: D. Haff
DOCKET NO. : 8636
TITLE : PURIFIED THERMOSTABLE ENZYME

AMENDMENT UNDER 37 C.F.R. §1.111

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In an Office Action dated July 15, 1992, Examiner rejected Claims 1, 35-41, and 53-62, all of the pending claims in the above-captioned application. Applicants respectfully request reconsideration and withdrawal of the rejections in view of the amendments and remarks set forth below.

Amendments

In the Claims

Applicants request amendment to Claims 1, 40, and 41 as follows.

1. (Amended) A stable enzyme composition comprising a purified thermostable nucleic acid polymerase enzyme in a buffer [and further comprising] that comprises one or more non-ionic polymeric detergents.

40. (Amended) The composition of claim ~~59~~ wherein the buffer comprises glycerol[.]; Tris-HCl, pH 8.0[.]; ethylenediamine tetraacetic acid[.]; dithiothreitol[.]; a polyoxyethylated sorbitan monolaurate[.]; an ethoxylated nonyl phenol[.]; and gelatin.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of patents and Trademarks, Washington, D.C. 20231, on this 15 day of January, 1993
By [Signature]